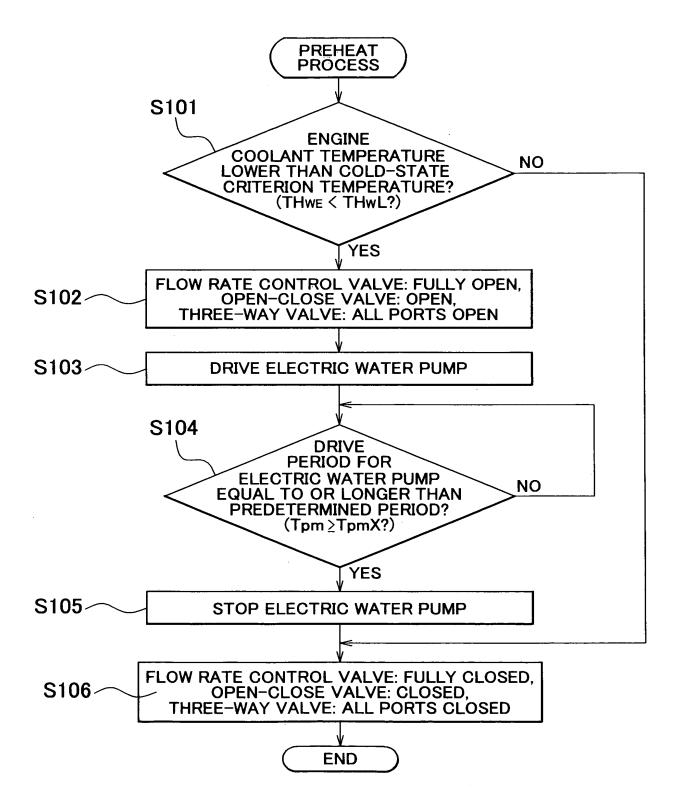
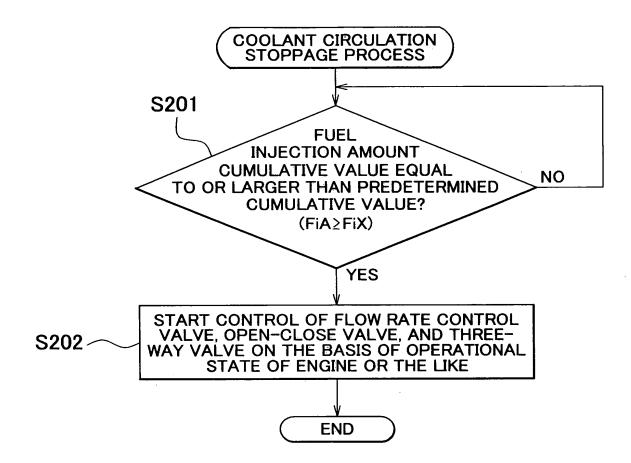


F I G . 2



F I G . 3



F I G . 4

ENGINE CONTROL DEVICE CONTROL PATTERN

				
THERMOSTAT	CLOSED			
THREE-WAY VALVE	ALL PORTS OPEN (HEATER PASSAGE/ HEAT-ACCUMULATING PASSAGE: OPEN)	ALL PORTS CLOSED (HEATER PASSAGE/ HEAT-ACCUMULATING PASSAGE: CLOSED)		
OPEN- CLOSE VALVE	OPEN	CLOSED		
FLOW RATE CONTROL VALVE	FULLY	CLOSED		
ELECTRIC WATER PUMP	DRIVEN	STOPPED		
	WHEN ENGINE IS STARTED IN COLD STATE (PREHEAT HAS NOT BEEN COMPLETED)	WHEN ENGINE IS STARTED IN COLD STATE (PREHEAT HAS BEEN COMPLETED)	WHEN ENGINE IS STARTED IN HOT STATE	IMMEDIATELY AFTER ENGINE HAS BEEN STARTED (FIA < FIX)

